

## CLAIMS

1. A multi-page paper assembly comprising:

a folded and sealed single ply of paper having a length and a width and defining a first horizontal edge and a second horizontal edge opposite and parallel to the first horizontal edge along its length, and a first vertical edge and a second vertical edge opposite and parallel to the first vertical edge along its width;

a horizontal line of tear-off perforations configured along and adjacent each of the first and the second horizontal edges to define a horizontal stub portion; and

a vertical line of tear-off perforations configured along and adjacent the first vertical edge to define a vertical stub portion, wherein

removal of the horizontal stub portions by tearing the paper ply along the horizontal lines of tear-off perforations and removal of the vertical stub portion by tearing the paper ply along the vertical line of tear-off perforations permits the folded and sealed single ply of paper to open from the vertical edge and the first and the second horizontal edges and along the second vertical edge in a book like manner and to permit access to a multiple of pages contained therein.

2. The assembly of claim 1, further comprising a line of tear-off perforations defined along a width of each page adjacent to the second vertical edge to permit the page to be torn along the line of tear-off perforations to remove the page from the assembly when open.

3. A multi-page paper assembly comprising:

a folded and sealed single ply of paper having a length and a width and defining a first horizontal edge and a second horizontal edge opposite and parallel to the first horizontal edge along its length, and a first vertical edge and a second vertical edge

5 opposite and parallel to the first vertical edge along its width; and

a vertical line of tear-off perforations configured along and adjacent the first vertical edge to define a vertical stub portion, wherein

removal of the vertical stub portion by tearing the paper ply along the vertical line of tear-off perforations removes deposits of cohesive disposed on interior surfaces of the paper ply disposed along and adjacent the first and the second horizontal edges and the first vertical edge such that the paper ply opens from the first vertical edge and the first and the second horizontal edges and permits the paper ply to open in a book like manner and to permit access to a multiple of pages contained therein.

15 4. A multi-page paper assembly comprising:

a single ply of paper having a first surface and a second surface opposite to the first surface, the single ply of paper having a length and a width and defining a first longitudinal side edge and a second longitudinal side edge opposite and parallel to the first longitudinal side edge, and defining a first transverse edge and a second transverse edge opposite and parallel to the first transverse edge;

20 a central transverse line of cross fold perforations defined in the first surface and extending across at least a portion of the width of the single ply of paper such that the

single ply of paper is segmented into two halves, the transverse line of cross fold perforations extending to the second surface;

one or more deposits of cohesive disposed adjacent to the transverse line of cross fold perforations on either side of the transverse line of cross fold perforations and along at least a portion of the width of the single ply of paper;

one or more longitudinal lines of fold assist perforations defined in the first surface parallel to the first and the second side edges and extending along at least a portion of the length of the single ply of paper such that the one or more longitudinal lines of fold assist perforations intersect the transverse line of cross fold perforations to segment the single ply of paper into four or more panels, the longitudinal lines of fold assist perforations extending to the second surface;

a vertical stub portion defined along each of the first and the second transverse edges by a transverse line of tear-off perforations defined in the first surface parallel to the first and the second transverse edges and extending along at least a portion of the width of the single ply of paper, the transverse lines of tear-off perforations extending to the second surface;

a horizontal stub portion defined along each of the first and the second side edges by a longitudinal line of tear-off perforations defined in the first surface parallel to the first and the second side edges and extending along at least a portion of the length of the single ply of paper, the longitudinal lines of tear-off perforations extending to the second surface;

one or more deposits of cohesive disposed along at least a portion of one or more of the vertical stub portions, and one or more deposits of cohesive disposed along at least a

portion of one or more of the horizontal stub portions, the deposits of cohesive disposed adjacent to the panels of the single ply that serve as inboard panels; and

one or more deposits of cohesive disposed on the second surface and along and adjacent each of the first and the second side edges and along and adjacent each of the first  
5 and the second transverse edges, wherein

where the single ply of paper is folded lengthwise along the transverse line of cross fold perforations such that the second surface is interior relative to the first surface, the longitudinal lines of fold assist perforations, the transverse lines and the longitudinal lines of tear-off perforations and the deposits of cohesive along the first surface and the back  
10 surface align to permit the folded single ply of paper to further fold along the longitudinal lines of fold assist perforations and the deposits of cohesive to adhere to form the assembly.

5. A multi-page paper assembly comprising:

15 a single ply of paper having a first surface and a second surface opposite to the first surface, the single ply of paper having a length and a width and defining a first longitudinal side edge and a second longitudinal side edge opposite and parallel to the first longitudinal side edge, and defining a first transverse edge and a second transverse edge opposite and parallel to the first transverse edge;

20 a central transverse line of cross fold perforations defined in the first surface and extending across at least a portion of the width of the single ply of paper such that the single ply of paper is segmented into two halves, the transverse line of cross fold perforations extending to the second surface;

one or more deposits of cohesive disposed adjacent to the transverse line of cross fold perforations on either side of the transverse line of cross fold perforations and along at least a portion of the width of the single ply of paper;

5 one or more longitudinal lines of fold assist perforations defined in the first surface parallel to the first and the second side edges and extending along at least a portion of the length of the single ply of paper such that the one or more longitudinal lines of fold assist perforations intersect the transverse line of cross fold perforations to segment the single ply of paper into four or more panels, the longitudinal lines of fold assist perforations extending to the second surface;

10 a vertical stub portion defined along each of the first and the second transverse edges by a transverse line of tear-off perforations defined in the first surface parallel to the first and the second transverse edges and extending along at least a portion of the width of the single ply of paper, the transverse lines of tear-off perforations extending to the second surface;

15 one or more deposits of cohesive disposed along at least a portion of one or more of the vertical stub portions, and one or more deposits of cohesive disposed along at least a portion of one or more of the horizontal stub portions, the deposits of cohesive disposed adjacent to the panels of the single ply that serve as inboard panels; and

20 one or more deposits of cohesive disposed on the second surface and along and adjacent each of the first and the second side edges and along and adjacent each of the first and the second transverse edges, wherein

where the single ply of paper is folded lengthwise along the transverse line of cross fold perforations such that the second surface is interior relative to the first surface, the

longitudinal lines of fold assist perforations, the transverse lines of tear-off perforations and the deposits of cohesive along the first surface and the back surface align to permit the folded single ply of paper to further fold along the longitudinal lines of fold assist perforations and the deposits to adhere to form the assembly.

5

10